Set   Items   Description
S1   5494171   S (MEMORY OR MEMORIES OR RAM OR (RANDOM(1W)ACCESS(1W)MEMORY) OR EEPROM? ?
OR READ(1N)WRITE OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR PRAM
OR SIMM OR DATA()STORE OR DATA()STORAGE OR STORAGE OR READ()ONLY OR CACHE()STORAGE OR
BUFFER OR HD OR HARD()DRIVE OR AREA OR LOCATION OR STORAGE OR COMPACTFLASH OR
SMARTMEDIA OR MEMORY()STICK OR SD()MEMORY OR XD()PICTURE OR CARD OR USB()KEY OR STORAGE
OR STORE OR CACHE OR EPROM? ? OR BUFFER? ? OR DISC? ? OR DISK? ?)
S2   19102   S S1(5N)(((SECOND OR 2ND OR TWO OR 2 OR MULTIPLE OR TWOFOLD OR DUAL OR PLURAL OR
PLURALITY OR MULTIPLE? OR MULTI OR PAIR??)(2N)BUFFER? ?) OR GPU OR (GRAPHIC?
?(1W)PROCESS?(1W)UNIT? ?) OR COPROCESSOR? ? OR (COPROCESSOR? ?()READABLE))
S3   63   S S2(10N)(PAGING OR MAPP???)
S4   4432   S S1(5N)((PROPER OR CORRECT OR RIGHT OR MEET DECOROUS OR DISCREET? ? OR BELONG?
FIT OR FITTING)(3N)(LOCATION? OR ADDRESS? ? OR SPACES? ? OR POSITION? ? OR REGION? ?))
S5   58750   S S1(5N)(INDICATOR? OR POINTER? ? OR INDEX? OR GAUGE OR BELLWETHER? ? OR
DETECTOR? ?)
S6   63   S S3 AND S2
S7   0   S S6 AND S4
S8   5   S S6 AND S5

?

Subject summary

8/3,K/1 (Item 1 from file: 8) Links
   Fulltext available through: STIC Full Text Retrieval Options
Ei Compendex(R)
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11266923 E.I. No: EIP06411015990
Title: Front-end electronics for PWO-based PHOS calorimeter of ALICE
Author: Muller, Hans; Budnikov, Dmitry; Ippolitov, Mikhail; Li, Qingxia; Manko, Vladislav; Pimenta, Rui; Rohrich, Dieter; Sibiryak, Iouri; Skaali, Bernhard ; Vinogradov, Alexandre
Corporate Source: CERN Division PH, Geneva, Switzerland
Source: Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment v 567 n 1 SPEC. ISS. Nov 1 2006. p 264-267
Publication Year: 2006
CODEN: NIMAER ISSN: 0168-9002
 DOI: 10.1016/j.nima.2006.05.104
DOI: 10.1016/j.nima.2006.05.104
Language: English
Abstract: ...an isolated warm volume in geometrical correspondence to 2 multiplied by 16 crystal rows per card. With a total detector capacitance of 100 pF and a noise level of 3 MeV, the FEEs cover a... ...second-order, dual-gain shapers produce semi-Gaussian output for 10 bit ADCs with embedded multi-event buffers. A Readout Control Unit (RCU) masters data readout with address-mapped access to the event-buffers and controls registers via a custom bus which interconnects up...

8/3,K/2 (Item 1 from file: 2) Links
   Fulltext available through: STIC Full Text Retrieval Options
INSPEC
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10203497
Title: Front-end electronics for PWO-based PHOS calorimeter of ALICE
Author Muller, H.; Budnikov, D.; Ippolitov, M.; Qingxia Li; Manko, V.; Pimenta, R. ; Rohrich, D.; Sibiryak, I.; Skaali, B.; Vinogradov, A.
Author Affiliation: CERN, Geneva, Switzerland
Journal: Nuclear Instruments & Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment)   vol.567, no.1   p. 264-7
Publisher: Elsevier ,
Publication Date: 1 Nov. 2006 Country of Publication: Netherlands
CODEN: NIMAER ISSN: 0168-9002
SICI: 0168-9002(20061101)567:1L.264:FEBP;1-J
   Material Identity Number: G700-2006-021
Item Identifier (DOI): 10.1016/j.nima.2006.05.104
Language: English
 Subfile: A B
  Copyright 2006, The Institution of Engineering and Technology
Abstract: ...crystals in an isolated warm volume in geometrical correspondence to 2*16 crystal rows per card. With a total detector capacitance of 100pF and a noise level of 3MeV, the FEEs cover a 14bit dynamic... ...The second-order, dual-gain shapers produce semi-Gaussian output for 10bit ADCs with embedded multi-event buffers. A Readout Control Unit (RCU) masters data readout with address-mapped access to the event-buffers and controls registers via a custom bus which interconnects up...

8/3,K/3 (Item 2 from file: 2) Links
   Fulltext available through: STIC Full Text Retrieval Options
INSPEC
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02970200 INSPEC Abstract Number: A83001188, B83004519, C83001422
Title: A large capacity, high-speed multiparameter multichannel analysis system
Author Hendricks, R.W.; Seeger, P.A.; Scheer, J.W.; Suehiro, S.
Author Affiliation: Metals & Ceramics Div., Oak Ridge Nat. Lab., Oak Ridge, TN, USA
Journal: Nuclear Instruments and Methods in Physics Research   vol.201, no.1   p. 261-79
Publication Date: 1 Oct. 1982 Country of Publication: Netherlands
CODEN: NIMRD9 ISSN: 0167-5087
Conference Title: Proceedings of the International Conference on X-Ray Detectors for Synchrotron Radiation
Conference Date: 17-21 Nov. 1980   Conference Location: Hamburg, West Germany
Language: English
 Subfile: A B C
Abstract: ...at continuous and pulsed neutron sources. Modules which have been developed to date include a buffer for two-dimensional position-sensitive detectors, a mapper for high-speed coordinate transformations, a buffered time-of-

flight clock, a time-correlator for...

8/3,K/4 (Item 3 from file: 2) Links
   Fulltext available through: STIC Full Text Retrieval Options
INSPEC
02916545   INSPEC Abstract Number: A82084767, B82049077, C82034087
Title: A large capacity, high-speed multiparameter multichannel analysis system
Author Hendricks, R.W.; Seeger, P.A.; Scheer, J.W.; Suehiro, S.
Author Affiliation: Metals & Ceramics Div., Oak Ridge Nat. Lab., Oak Ridge, TN, USA
Journal: Nuclear Instruments and Methods in Physics Research   vol.195, no.1-2   p. 381
Publication Date: 1 April 1982 Country of Publication: Netherlands
CODEN: NIMRD9 ISSN: 0167-5087
Conference Title: Proceedings of the Second National Conference on Synchrotron Radiation Instrumentation
Conference Date: 15-17 July 1981   Conference Location: Ithaca, NY, USA
Language: English
 Subfile: A B C
Abstract: ...at continuous and pulsed neutron sources. Modules which have been developed to date include a buffer for two-dimensional position-sensitive detectors, a mapper for high-speed coordinate transformations, a buffered time-of-flight clock, a time-correlator for...

8/3,K/5 (Item 1 from file: 34) Links
   Fulltext available through: STIC Full Text Retrieval Options
SciSearch(R) Cited Ref Sci
15728986   Genuine Article#: 099ZJ   No. References: 4
Front-end electronics for PWO-based PHOS calorimeter of ALICE
Author: Muller H (REPRINT) ; Budnikov D; Ippolitov M; Li QX; Manko V; Pimenta R; Rohrich D; Sibiryak L; Skaali B; Vinogradov A
Corporate Source: CERN,Div PH,Geneva//Switzerland/ (REPRINT); CERN,Div PH,Geneva//Switzerland/; Univ Oslo,Dept Phys,Oslo//Norway/; IV Kurchatov Atom Energy Inst,Moscow 123182//Russia/; RFNC VNIIEF,Saratov//Russia/; Huazhong Univ Sci & Technol,Wuhan 430074//Peoples R China/; Univ Bergen,Dept Phys,Bergen//Norway/
Journal: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT , 2006 , V 567 , N1 (NOV 1) , P 264-267
ISSN: 0168-9002   Publication date: 20061101
Publisher: ELSEVIER SCIENCE BV , PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS
Language: English Document Type: ARTICLE   (ABSTRACT AVAILABLE)
Abstract: ...in an isolated warm volume in geometrical correspondence to 2 x 16 crystal rows per card. With a total detector capacitance of 100 pF and a noise level of 3 MeV, the FEEs cover a... ...second-order, dual-gain shapers produce semi-Gaussian output for 10 bit ADCs with embedded multi-event buffers. A Readout Control Unit (RCU) masters data readout with address-mapped access to the event-buffers and controls registers via a custom bus which interconnects up...

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